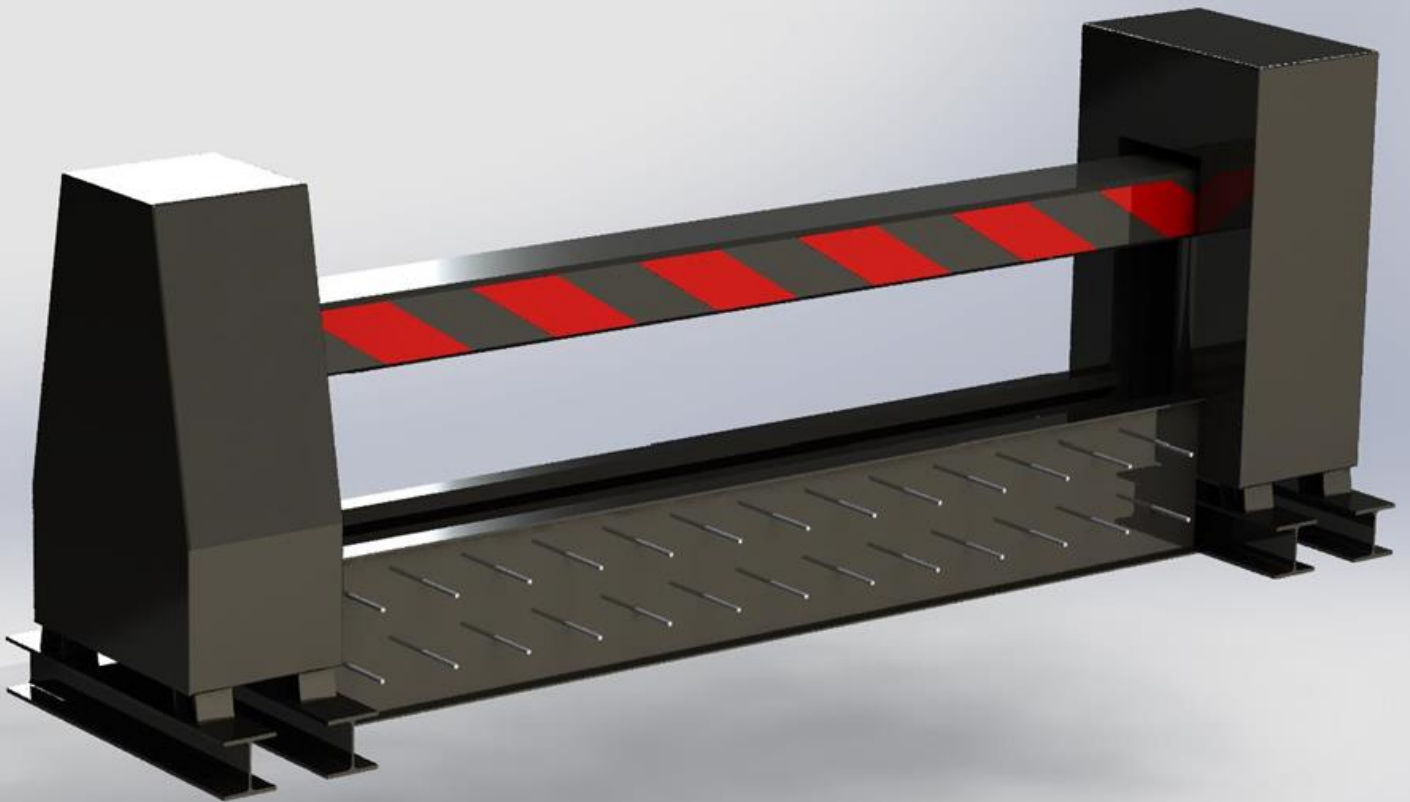


## ROAD BLOCKER / MODEL POWERBEAM



### Technical information:

Installation type:

Structure type:

Width of blocked space:

Height of raised obstacle:

PLC (Programmable Logic Controller) type:

PLC (Programmable Logic Controller) location:

Electro-hydraulic drive unit:

Concrete foundations below the ground level

Solid steel construction of high tensile steel  
from 3000 mm to 6000 mm

800 mm clear space below the blocking beam

MITSUBISHI PLC located in external cabinet (service worldwide)

In external cabinet located next to road blocker

In external cabinet. A lockable weather resistant enclosure/cabinet is provided for the HPU. The desing provides easy access to HPU for maintenance and emergency operations of the hydraulic system. Enclosure is provided in the corrosion resistant coating.



File ver. 5, revised 25.01.2018

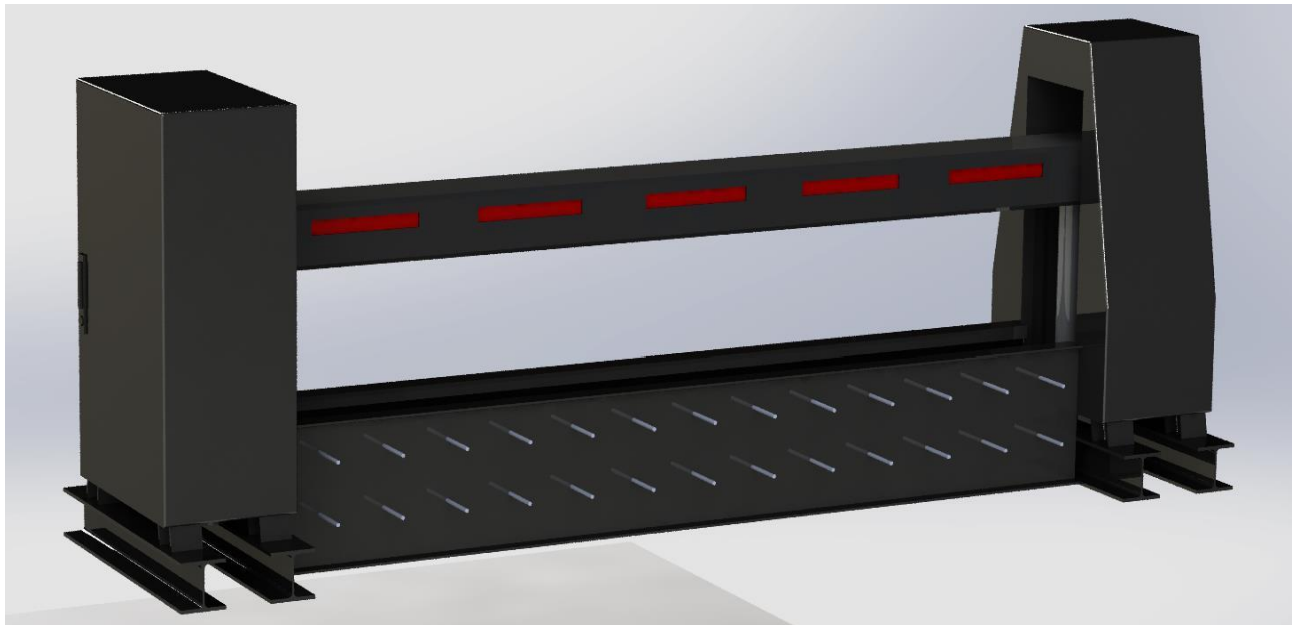
## ROAD BLOCKER

### MODEL POWERBEAM

Axis load:	Standard 11,5 tones (higher axis load available on request, please Contact our sales department)
Operation temperature:	From -40 to +60 degree Celsius (higher temperatures available on request, please contact our sales department)
Standard equipment (included in the basic set):	<ul style="list-style-type: none"><li>- Pushbutton box control panel (OPEN /STOP/ EMERGENCY STOP / CLOSE)</li><li>- Hydraulic Manual Emergency Pump (Manual operation in case of power supply failure, allows to raise and lower the road blockers in case of power failure)</li></ul>
Emergency manual opening:	By integrated hydraulic Manual Emergency Pump
Corrosion protection:	All steel elements hot dib galvanized, steel parts above the ground are electrosatically powder painted coated to a chosen RAL colour. Elements below the ground remain hot dib galvanized only.
Control devices:	Pushbutton in the guard booth (OPEN /STOP/ EMERGENCY STOP / CLOSE)
Opening time:	Approx. 4-6 seconds
Emergency manual opening:	By integrated hydraulic pump
External cabinet system protection grade:	IP 55
Internal cabinet system procetion grade:	IP 66
Power supply:	3x400VAC 50Hz, 3-phase, 50/60Hz, approx. 4.0 KW, 380-415V
Warranty:	24 months
Resistance to impact:	Very resistance to impact (stop a heavy vehicle launched at high speed) rated by desing to K4 or K12 standard)

## ROAD BLOCKER

### MODEL POWERBEAM



## ROAD BLOCKER

### MODEL POWERBEAM – OPTIONAL EQUIPMENT

- ✓ Emergency Fast Opening (less than 1,5 seconds) by Hydraulic Accumulator
- ✓ 2 channel loops detector
- ✓ UPS (Unlimited Power Supply) allowing to operate a chosen amount of cycles
- ✓ Traffic lights (2 ways traffic) for both road blockers
- ✓ Remote controller
- ✓ Proximity card post
- ✓ Internet online control module TCP/IP
- ✓ Ethernet online control module (LAN)
- ✓ Integration with Milestone , Honeywell (Prowatch) or Bosch (BIS) system



UPS / Unlimited Power Supply



Standard console

## ROAD BLOCKER

### MODEL POWERBEAM – EXTERNAL CABINET WITH DRIVE UNIT & CONTROL UNIT



**HPU + internal cabinet**



**HPU+ Internal Cabinet IP66**



**External Cabinet IP55**



**Internal Cabinet IP66**

## ROAD BLOCKER

### MODEL POWERBEAM – EXTERNAL CABINET WITH DRIVE UNIT & CONTROL UNIT



**External Cabinet IP55**



**Internal Cabinet IP66**



**Internal Cabinet IP66**



**HPU**

## ROAD BLOCKER

### MODEL POWERBEAM – OPTIONAL EQUIPMENT



→ Loop detector



→ Safety Photocells



→ Proximity Card Reader



→ LED traffic post



→ Hydraulic Accumulator for Emergency Fast Operations



→ LED traffic light on separate post